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08-03-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. A4231/T34410

First Inventor

Kwan, Michael

Title

GAS CHEMISTRY CYCLIGN TO ACHIEVE HIGH ASPECT RATIO
GAPFILL WITH HDP-CVD

Express Mail Label No.

EL 903198559 US

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning design patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 27)
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C.113) (Total Sheets 6)
5. Oath or Declaration (Total Pages 6)
 - a. ☐ Newly executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper number of pages
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No: 09/648,395 /

Group Art Unit: 2812

Prior application information: Examiner Ghyka, G.
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

| | | | | | |
|-------------------|--------------------------|-----------|----------------|-----------------------------------|----------------|
| Name | PATENT COUNSEL | | | | |
| | APPLIED MATERIALS, INC. | | | | |
| Address | Legal Affairs Department | | | | |
| | P.O. Box 450A | | | | |
| City | Santa Clara | State | CA | Zip Code | 95052 |
| Country | United States | Telephone | (408) 986-7273 | Fax | (408) 986-3090 |
| Name (Print/Type) | Patrick M. Boucher | | | Registration No. (Attorney/Agent) | 44,037 |
| Signature | | | | Date | August 2, 2001 |

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DE 7046942 v1

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|---------------|
| Application Number | Unassigned |
| Filing Date | Unassigned |
| First Named Inventor | Kwan, Michael |
| Examiner Name | Unassigned |
| Group Art Unit | Unassigned |
| Attorney Docket No. | A4231/T34410 |

FEE CALCULATION (continued)

50-1074

Applied Materials, Inc.

FEE CALCULATION

Fee Paid

SUBTOTAL (1)

(S)710

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) |
|----------------|-----------------|----------------|-----------------|
| 103 | 18 | 203 | 9 |
| 102 | 80 | 202 | 40 |
| 104 | 270 | 204 | 135 |
| 109 | 80 | 209 | 40 |
| 110 | 18 | 210 | 9 |

SUBTOTAL (2)

(\$)'0

3. ADDITIONAL FEES

**Fee
Paid**

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

*Reduced by Basic Filing Fee Paid

| | |
|---------------------|-------------|
| SUBTOTAL (3) | (\$) |
|---------------------|-------------|

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44,037

303-571-4000

August 2, 2001

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